

Title (en)
ROUTING MANAGEMENT METHOD AND APPARATUS

Title (de)
ROUTINGVERWALTUNGSVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCÉDÉ ET APPAREIL DE GESTION DE ROUTAGE

Publication
EP 3863242 A4 20211222 (EN)

Application
EP 19879249 A 20191030

Priority
• CN 201811279680 A 20181030
• CN 2019114274 W 20191030

Abstract (en)
[origin: EP3863242A1] Embodiments of this application disclose a routing management method, used to advertise an address segment routing policy. The method in the embodiments of this application includes: A control plane function assigns an internet protocol IP address to user equipment. The control plane function determines an IP address segment, where the IP address belongs to the IP address segment. The control plane function sends information used to identify the IP address segment to a user plane function, where the IP address segment is used to advertise a routing policy.

IPC 8 full level
H04L 45/74 (2022.01); **H04W 40/24** (2009.01)

CPC (source: CN EP US)
H04L 45/74 (2013.01 - CN EP); **H04L 61/5007** (2022.05 - CN EP); **H04W 4/23** (2018.02 - US); **H04W 8/28** (2013.01 - US);
H04W 40/24 (2013.01 - EP); **H04W 40/248** (2013.01 - US); **H04W 40/24** (2013.01 - US)

Citation (search report)
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• [YA] NOKIA ET AL: "23.501 5.8: IP address allocation for a PDU session and forwarding realms", vol. SA WG2, no. Los Cabos, Mexico; 20170626 - 20170630, 29 June 2017 (2017-06-29), XP051303738, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings_3GPP_SYNC/SA2/Docs/> [retrieved on 20170629]
• [A] "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Study on Enhancing Topology of SMF and UPF in 5G Networks (Release 16)", 3GPP STANDARD; TECHNICAL REPORT; 3GPP TR 23.726, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, vol. SA WG2, no. V0.3.0, 9 May 2018 (2018-05-09), pages 1 - 52, XP051451330
• See also references of WO 2020088506A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3863242 A1 20210811; **EP 3863242 A4 20211222**; **EP 3863242 B1 20240605**; CN 111131044 A 20200508; CN 111131044 B 20211022;
US 11902876 B2 20240213; US 2021250844 A1 20210812; WO 2020088506 A1 20200507

DOCDB simple family (application)
EP 19879249 A 20191030; CN 201811279680 A 20181030; CN 2019114274 W 20191030; US 202117243751 A 20210429